

METHOD OF ISOLATION AND SELF-ASSEMBLY OF SMALL PROTEIN PARTICLES FROM BLOOD AND OTHER BIOLOGICAL MATERIALS

ABSTRACT OF THE DISCLOSURE

Compositions and methods for the isolation and manipulation of misfolded, or partially misfolded, proteins present in blood and other biological materials are provided. In one aspect of the invention, the compositions, hereinafter termed "proteons" are comprised of misfolded proteins. Also provided are compositions and methods for the isolation and manipulation of proteon nucleation centers (PNCs) upon which the proteons of the present in blood and other biological materials form. In another aspect of the invention, the PNCs are comprised of metallic nanoclusters.